

MPE Calculations for Airgo 1200AP

FCC ID: SA3-AGN1202AP0000

Antenna	Slant dist. cm	Slant dist. m	E- field, V/m	Calculated mW/cm ²	TX antenna at location
1-d1 dist:	23.1	0.231	12.0	0.03847	2.4 GHz
2-d1 dist:	20.7	0.207	13.4	0.04791	2.4 GHz
3-d1 dist:	23.1	0.207	21.1	0.11774	5 GHz
4-d1 dist:	20.7	0.231	18.9	0.09455	5 GHz
Total at 20 cm from d1:				0.29868 mW/cm²	
1-d2 dist:	22.7	0.227	12.3	0.03982	2.4 GHz
2-d2 dist:	20.6	0.206	13.5	0.04859	2.4 GHz
3-d2 dist:	21.0	0.210	20.8	0.11491	5 GHz
4-d2 dist:	23.5	0.235	18.6	0.09172	5.GHz
Total at 20cm from d2:				0.29503 mW/cm²	
1-d3 dist:	26.2	0.262	10.6	0.02980	2.4 GHz
2-d3 dist:	22.8	0.228	12.2	0.03941	2.4 GHz
3-d3 dist:	20.0	0.200	21.8	0.12613	5 GHz
4-d3 dist:	20.9	0.209	20.9	0.11571	5 GHz
Total at 20cm from d3:				0.31104 mW/cm²	
1-d4 dist:	28.3	0.283	9.8	0.02566	2.4 GHz
2-d4 dist:	24.4	0.244	11.4	0.03445	2.4 GHz
3-d4 dist:	20.2	0.202	21.6	0.12335	5 GHz
4-d4 dist:	20.2	0.202	21.6	0.12335	5 GHz
Total at 20 cm from d4::				0.30681 mW/cm²	